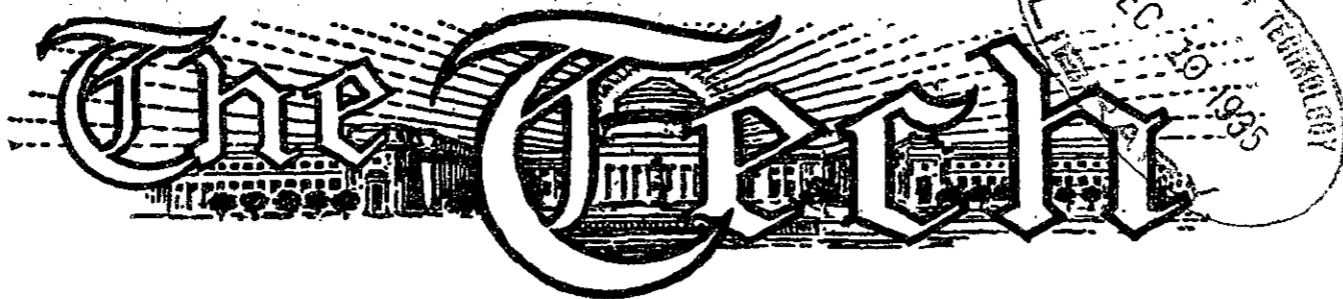


LECTURES ON SAILING
STARTED TODAY
BY DR. OWEN



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Volume LV. No. 51

CAMBRIDGE, MASS., TUESDAY, DECEMBER 10, 1935

Price Three Cents

Greene Gives In After Grilling Of Dance Committee

Refused At First To Act As
Master Of Ceremonies
At Dorm Dance

Ten Dollar Prize Given To
Winner Of Amateur Contest

Carmody's Orchestra to Furnish
Music; Sign-Ups Taken
In Main Lobby

"They broke me down at last," said Professor William Greene yesterday when interviewed by a member of The Tech Staff concerning his consenting to act as master of ceremonies at the amateur contest at the Dormitory Christmas Dance on Friday.

After running a story of the Dorm Dance in its last issue, The Tech learned that Professor Greene had refused from the first to be present at the dance to act the role of a Major Bowes or another Fred Allen.

Retraction Not Needed
However, when a staff member called at his office to offer the apologies of the staff and to ask for a statement to run as a retraction, Professor Greene was just recovering from a crisis on the verge of a nervous breakdown brought on by an interview with the Dormitory Dance Committee.

During the meeting the scheming committee men told a story of hard luck and need of publicity and broke down the Professor's resistance.

(Continued on Page 2)
Dorm Dance

Prof. Charles Breed Addresses Freshmen

Prospective Engineers Given
Survey Of Professions

Speaking at the freshman dinner given by the Civil Engineering Department last night, Professor Charles B. Breed gave the prospective Civil, Sanitary, and Building Construction Engineers a survey of the professional fields.

This is the fourth year that such a dinner has been held for the freshmen registered in one of the three courses included in the Civil Engineering Department. These get-togethers are designed to enable the first year men to become acquainted with the possibilities within their chosen field.

Following the dinner in the Faculty Room of Walker Memorial last night, illustrated slides were shown in connection with Professor Breed's survey. The slides showed the type of work done by different branches of the engineering profession. Movies of the Technology summer camp were then run.

Chemical Engineering Course Has Largest Total Student Enrollment

Course X now has the largest total enrollment in the Institute, it became known today. The present year is the first that enrollment in this course has exceeded that in Course VI.

While the undergraduate membership of the Chemical Engineering group is still below that of its rivals, the graduate list more than make up for this deficiency. These graduates, of whom there are 111 this year, represent 56 schools beside Technology.

For every year except the third, the increase in registration has been decidedly higher than that in the Institute as a whole. For example, last year there were 97 freshmen and this year there are 112. This represents a gain of 15 per cent in enrollment, while the total entering class this year is only 4 per cent larger than it was

Entire M.I.T. Faculty Has Now Signed Teacher's Oath

The following statement is in reply to various inquiries on the matter of compliance with the Teacher's Oath Bill.

All members of the teaching staff of the Massachusetts Institute of Technology have signed the Teacher's Oath and the completed oaths were sent to the Commissioner of Education several days ago. At the request of Lincoln Fairley, an instructor, a petition of protest against the provisions of the oath, which he had circulated among members of the staff, was also transmitted to the office of the Commissioner of Education. All oaths signed at Technology are now in the form required by the Commissioner of Education.

Middlebury Wins Debate By 2 to 1

Vermonters Win In Strategic
Move By Darrow In The
Last Rebuttal

Middlebury College emerged victorious in the debate against the Technology team last Friday night by a vote of 2 to 1. The subject was: "Resolved, that the United States Should Follow a Policy of Economic Nationalism." By economic nationalism was meant a policy of national self-sufficiency regarding imports and exports, with the Technology debaters taking the negative side.

The debate was nothing more nor less than a quibbling about definitions. John Darrow, of the Middlebury team, who had the last rebuttal, made a strategic move by conceding the argument of the Technology team and pointing out the one weak spot in it. This skillful manoeuvre decided the debate in favor of the Vermonters, 2-1.

In the debate last year Middlebury was defeated by Technology on the subject of munitions manufacturing. Technology took the stand that

(Continued on Page 2)
Debate

Second Lecture In Sailing Wednesday

Professor Owen of the Department of Naval Architecture will speak to those who signed up for sailing, at noon at 1:00 o'clock, in Room 5-330. In his second series of lectures, Professor Owen will finish showing the slides which were begun in the first lecture. He will also discuss the fore and aft rigging of a vessel.

Attendance credits for those who have not qualified for a certificate of competency which permits the use of Nautical Association boats, will begin at this lecture.

Combined Musical Clubs Concert and Ball Held Friday

Glee Club, Octette, and Banjo
Club Provided Musical
Entertainment

P. DiSalvatore Gave Violin Solo

With the Main Hall of Walker Memorial decorated in the Christmas spirit with sleighs and reindeers The first dance of the Christmas season was given by the Combined Musical Clubs last Friday. A concert in which all the musical groups took part, preceded the dance. The Octette, which sang four numbers, and the Banjo Club were especially popular. Philip Di Salvatore, '36, was featured in a violin solo with orchestral accompaniment.

About 150 persons attended the concert, which was free to the student body, and many more came to the dance. Music for dancing was supplied by Billy Burke and his Philadelphia orchestra. Acting as chaperones were: Professor and Mrs. Leicester Hamilton, Professor and Mrs. John Wulff, and Mrs. James R. Jack.

Senior Class Holds Annual Formal Dance January 10 In Walker

Seniors, To Be Admitted Free,
Must Obtain Tickets
Dec. 16-18

The annual formal dance of the Senior Class will be held on Friday, January 10, 1936, from 10 to 2 o'clock in the Main Hall of Walker. Admission to this class function will be free to Seniors, since the funds for the affair come from the class treasury. In order to be admitted, Seniors must obtain tickets, in the Main Lobby on either the 16th, 17th, or 18th of December, from 12 to 2 o'clock. Precautions will be taken by the committee in charge of the dance to insure that none but Seniors attend the affair; the members of the Class of 1936 are therefore strongly urged to secure their tickets as soon as possible. Absolutely no one without a ticket will be admitted to the dance.

The committee in charge of the dance consists of Scott C. Rethorst, '36; William W. Garth, '36; Robert E. Worden, '36; Robert S. Gillette, '36; and Richard S. DeWolfe, '36.

Your Story

(Continued from last issue)

A fine road—the joy and pride of motorists—girdles the island. This road leads up to Nuuanu Pali, a narrow pass in the mountain chain through which the wind from the sea rushes with its pent-up energy. On top of this pass, which has a perpendicular side and a sheer drop of several thousand feet, King Kamehameha the Great won the battle that enabled him to subjugate and control all the Hawaiian Islands. In the heat of the fight his warriors hurled their opponents over this cliff to their death.

Winding down from the pass, the road runs parallel to the beach. The different colour of the water; a rich blue in the distance and green along the beach topped by roaring, white breakers makes the scene so awe-inspiring that it takes the visitor's breath away. No doubt, this sight has inspired many tales of the scenic beauty of the South Sea Islands.

Around Diamond Head, Waikiki Beach and the main city comes into view. As the temperature seldom

(Continued on Page 4)
Your Story

T.C.A. Sponsors Christmas Passenger-Driver Service

For the fourth year, the T.C.A. is sponsoring a Passenger-Driver service just before the coming Christmas Holidays. The purpose of this service is to be of mutual service to those men owning cars who are planning to drive home, and those who do not own cars but desire to ride home at minimum expense.

Men wishing to avail themselves of this service either as a car owner or as a prospective passenger, should call at the T.C.A. office in the Basement of Walker Memorial and fill out the necessary blanks. Promptness is urged, since the first applicants will receive the most opportunities.

Menorah Society to Hold Formal Dance

To Be In Oval Room Of Hotel
Bradford On Wednesday
December 18

A formal dance will be given by the Menorah Society in the Oval Room of the Hotel Bradford on Wednesday, December 18th, from 9 to 1. This dance, the first formal dance given by the Menorah Society in several years, is sponsored jointly by the Menorah Clubs of Tufts, Harvard, and Tech, and will be one of the important social events of the season.

Milton Paisner from Harvard, Leonard A. Seder from M.I.T. and Maurice Crevoshay of Tufts are in charge of arrangements. Tickets can be obtained from George Levy, Milton Lief, Joseph Zeitlen, or from any Menorah Society officer.

Tech members of the Society will attend an Intercollegiate Menorah Society Meeting in the Lounge at Simmons at 2:30 P.M. on Sunday, the 15th of December.

Highway Taxes Versus Road Costs Discussed

In an effort to discover whether highway taxes are covering the costs of roads, the Highway Research Board of the National Research Council is developing highway costs charts so that an economic study of the situation can be made. During the Friday session of the board, at which Professor Breed, Head of the Civil Engineering Department, presided, Mr. A. J. Bone, instructor in Civil Engineering, presented a paper on the analysis of the road costs on a state highway system composed of the 130 mile long State highway pattern, which centers in Worcester, Mass. Professor Breed previously presented two other papers which developed an economic viewpoint corresponding to traffic flow charts.

Dean Of Bowling Emporium Claims Figures Show Return Of Prosperity

The merry tinkle of spare change in the pockets of Technology students, a sound reminiscent of the '29 days, is beginning to be heard again, if the statistics of Eddie Pung, keeper of the bowling alleys in the basement of Walker Memorial, are any indication.

He reports that during the opening week of school, the 1934 totals were more than doubled for each day, bringing the total up to 928 strings as compared with 403 for last year. The second week, despite the holiday, rolled up 1018, strings, 343 more than the second week of last year.

Pins Would Stretch 1340 Miles
If all the pins bowled by students and faculty members during one of the boom years were laid end to end, they would extend for 1340 miles according to a computation figuring the average score per string as 95. A total of 64,291 strings, knocking

Matmen Battle In All-Tech Tourney For Championships

Freshman Winners Will Wrestle
Harvard Next Saturday;
Prospects Good

Binder and Brittenham Provide
Exciting Matches; Powers Wins

Despite Invitation, No Faculty
Members Entered; Pitre
Rumor Unfounded

Tech grapplers again showed the benefit of Coach Jay Ricks' instruction in the fiercely contested All-Tech Wrestling Tournament, Friday, December 6. The preliminaries opened Thursday with 60 men wrestling for places in the finals. On Friday the finals saw 18 contestants ready for the fray. Five were freshmen, five sophomores, seven juniors, and one a senior. Two freshmen, two sophomores, and three juniors emerged victorious. Although T. P. Pitre's name appeared on the contestant lists, his non-appearance led officials to suppose it a practical joke.

William Binder, '38, a transfer from South Carolina, proved to be a Nemesis in the 155 pound class. Not satisfied with winning his own weight class medal, he will wrestle Atmore G. Strom, '38, tonight in the postponed 175 pound class bout. Edward A. Brittenham, said by Coach Ricks to be the strongest heavyweight ever out for the Tech team, proved his strength and endurance by disposing of John Pellam in less than four

(Continued on Page 4)
Wrestling

"A Role of Humor" Is Topic Of New Series

Mark Twain Association Talks
Opened By Humorist

The Mark Twain Association in conjunction with Massachusetts Institute of Technology will present "A Role of Humor", a lecture by Dr. George E. Vincent, on Friday evening, December 13th, at 8:15 P.M. in Room 10-250. This lecture is the first of a series sponsored by the Mark Twain Lectureship for the Advancement of Humor, tickets may be obtained without charge from William Jackson in Room 10-100.

Dr. Vincent, a noted humorist, has in the past been president of the Rockefeller Foundation and of the University of Minnesota. The Lectureship founded by the Mark Twain Association in commemoration of the 100th anniversary of the birth of the great humorist, is intended to perpetuate his memory through a series of lectures to be held during the winter.

down 6,107,645 pins, and sending 1,800,148 balls rolling down the alley, was the number bowled in the best year.

If one ball could travel the distance traveled by these 1,800,148 balls, it could start out at Boston, and, via the Hawaiian Islands and China, reach Ethiopia, about 20,000 miles away. Furthermore, if that ball were traveling with a velocity of 15 miles per hour, its average speed in the alley it would require two months to reach that scene of conflict.

Eddie Pung sets himself up against all comers, students or professors. He has never been officially declared Institute champion, but would welcome the opportunity to compete for such a title. He can generally chalk up 2100 points in 20 strings, or an average of 105 per string. Under pressure, he does as high as 150.



Vol. LV DECEMBER 10, 1935 No. 51
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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IDEAS FOR SALE

THE STRATTON PRIZE

ENGINEERS and scientists are usually considered to be a rather capable group of people, one that has contributed the most toward whatever progress humanity has managed to make since that day our forefathers climbed down from the trees. As a group they have preserved a greater measure of objectivity in their approach to things material, and in their dealings with humans; unfortunately, the record of brilliant inventors who died penniless, and a general lack of appreciation of the value of scientific pioneer work by the lay world indicates that as a profession scientists and engineers have failed to perform an effective job of "selling themselves".

It is merely a truism to say that people will accept new ideas and permit their practical application only to the extent that they can be convinced of the desirability of and necessity for such changes as are implied in the acceptance of a new idea.

It has been said, not without some justification, that whenever a man has an idea he is faced with two thousand million people opposed to it; in other words, he must "sell" the entire world on his proposition, and the greater its potentialities the stiffer is such opposition likely to be. Resistance to change is a natural human reaction caused by an almost subconscious fear of the need for individual readjustment once the established routine of doing things is successfully shattered; anyone who ever had to convince the factory superintendent, or boss, or board of directors of the practicability of a proposed change will readily admit the importance of being able to convince disinterested and even hostile yet influential parties.

All this should serve to impress upon scientists and engineers (and upon those who hope to be counted amongst them some day) the fact that in order to gain acceptance for your idea you must get your facts understood. This requires ability to express yourself clearly, briefly, and forcefully; the most direct way and one most likely to be successful is to do it by word of mouth; to get up and speak. The competition for the Stratton Prize held at the Institute each year affords an excellent opportunity for anyone who wishes to avail himself of it for some preliminary practice along these lines. We strongly recommend active participation by the student body. And a fifty dollar first prize (even if payable in depreciated "baloney" dollars) should come in handy as a surprise addition to dad's monthly check.

ROOT, ROOT

FOR THE INSTITUTE

THE Technology hockey team faces Harvard tonight in their third game of the season. It is Harvard's home game but it is being played on the same rink that Technology calls its home ground. At tonight's game there will be hundreds of Harvard rooters while scattered here and there there will probably be a few spectators that will let out a feeble and half restrained yell when the Technology team puts through a spectacular play.

The Harvard game is a difficult assignment for any team, and even more so for the Engineers. Harvard has a wealth of material that would do justice to a number of high class teams. When Technology goes on the ice tonight, they should hold the Harvard on almost even terms. But as the game progresses, the overwhelming odds of better

conditioned, more highly tensed, and speedier skaters, will be telling on the Technology players. They will realize the inevitable and let down in their efforts. Why blame them? They are going into the game knowing that Harvard will win anyway.

But if only there were a few rooters for our side! Not just the fans that sit down and see what a fine game hockey is and how clever and fast a player has to be, but some who can fly off the handle when a raw decision is made. As a rule, the Technology rooters that attend the game do give a cheer now and then, but with so much restraint and reserve, and a feeling that it is all rather silly, that even if they go through to the end of a cheer the effect is not prepossessing.

If we can forget this reserve tonight we can give the Technology team something to play for. Technology rooters can yell as loudly as other rooters if they know it will not hurt their personal feelings.

After it is all over, you can go back to your brown bagging with the thought that you helped the team. It is a grand feeling to be able to say afterwards, "we would have won if..."

Let's make tonight Technology's night, not just the Harvard game.

AN ANSWER TO AN ANSWER

TECHNIQUE'S answer to our editorial of last Friday speaks, more or less, for itself. As is usual in such matters, however, the main thread of the argument seems to have been lost in the mad shuffle.

The year book is, unfortunately, in the position where it can within limits dictate to the students in a matter which must inevitably concern them. Unless each individual takes steps to the contrary, the pictures taken by the photographer employed by Technique will be filed with the placement bureau along with the student's record.

In his placement lectures, Mr. John Nalle, placement officer, has continually stressed the importance of these pictures to the job hunting graduate. Perhaps only subconsciously, but at any rate certainly, the employing official will tend to select ultimately the prospective employee whose photograph is most presentable.

(We note that Technique has wisely admitted the "sloppy" appearance of the proofs issued recently by its photographer. The annual claims that we should understand that the appearance of the proofs has no bearing on the finished product." . . . it has created an undesirable impression. May we then inquire as to the purpose of distributing proofs to those who were photographed? Is that attitude, "Here is something which does not resemble the finished product. Would you mind approving it?")

Fortunately there is a course left open to those who do not desire that the photographs as taken by the Technique should appear with their records. We strongly advise these students to submit to Mr. Nalle a photograph taken by some other photographer in whose work they will have confidence. As a suggestion, the Institute Photo Service has maintained an enviable record for satisfaction.

In the future would it not be advisable for the Technique to keep in mind the fact that in the matter of Senior photographs it is serving not only its own interests, but those of the entire Senior Class as well?

"Sloppy hurried work" is nowhere accepted as the standard for the presentation even of samples. For students who are uncertain, there remains the dubious course of relying on the claims of the annual, and waiting for "the portraits to appear in the book".

Elections

Volume LV of The Tech is pleased to announce the following elections to its staff. To the position of Staff Assistant: Dudley A. Levick, Jr., '38, and James C. Longwell, '38. To the position of Reporter: Peter P. Kutrubes, '39, Jeremiah G. Murphy, '39, David R. Preston, '39, and Joseph G. Zeitlen, '39.

We regret to announce the resignation from the staff of George J. Stansfield, '38.

OPEN FORUM

In opening its columns to letters addressed to the Editor, THE TECH does not guarantee publication nor does it necessarily endorse the opinions expressed. Only signed communications will be considered. However, if the writer so desires, only the initials will appear on publication.

Technique's Reply

To the Editor of The Tech.
Dear Sir:

In accepting this opportunity to clarify the current photographic situation, the Technique Board feels that The Tech, in last issue's editorial, has apparently lost sight of the fact that all M.I.T. student publications are created to serve the Institute, that they do not exist for the sole purpose of accumulating profits.

In as much as these questions have arisen, however, and have obviously been exposed to the school at large, an answer is necessarily in order.

First, it seems that criticism has arisen from one principle source namely, the individual senior proofs.

That The Tech's interest in the finances of the book is totally unwarranted and without basis will be shown later; it may be said at the outset that each student's subscription, taking a past average, is no higher this year than that average.

The general opinion of the seniors, it seems is that their finished portraits, those that will appear in the book, are to be made from the proofs which they have just received. This is wholly without truth. Finished portraits are made with care by experienced labor from the original negatives; these negatives compare favorably with those used in any yearbook. The sloppy appearance of the proofs is due to sloppy, hurried work, with a resulting under-exposure. Though this has no effect on the portraits to appear in the book, it has created an undesirable impression.

Second, Technique, like the other publications, is self-supporting—it requires, no student tax.

A detailed financial statement at this time and in this limited space is evidently impossible; auditors' accounts for all publications are on file in the office of the budget committee and are open to inspection.

It may be said, though, that the Board is anticipating neither a large profit, nor a large loss; in other words expenses this year are just about equal to income.

Third, Of the \$1.50 each senior pays for his portrait, 17% goes to the photographer, the remainder to the engraver. The printer's bill necessitates income from other source.

Fourth, The selection of the photographic concern was based on the Board's belief that it offered unusually good pictures, a variety of ideas applicable to the layout of the book, and was satisfactory as well from the standpoint of finances as from the reputation of the firm.

Those seniors who have found a defect in their proofs, attributable to the original negative, are, at the discretion of the Board free to have their pictures retaken in the afternoons, starting this Tuesday and lasting through Thursday.

THE TECHNIQUE BOARD.

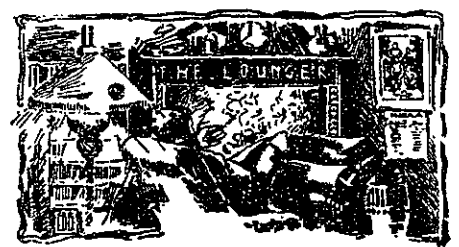
Debate

(Continued from Page 1)

The United States should not manufacture arms, and won the debate 2-1. The debaters Friday were, on the Middlebury team, John H. Darrow, '37; Ralph Packard, '37; Charles A. Deedman, '36; on the Technology team, Leonard A. Seder, '37; Russell C. Coile, '38; Albert A. Woll, '37. Professor Frederick G. Fassett presided as chairman.

Saturday at 3 o'clock in the Eastman Lecture hall, a debate will be held with Wellesley, on the subject; Resolved, "That the United States Should Remain Neutral in Case of War. Technology debates the affirmative. The Institute Debators will be Harold James, '38; Allan E. Schorsch, '38; Benjamin M. Siegal, '38; and Chairman Robert Treat, '38; vice-president of the society.

The Intercollegiate Championship team has already been selected. To debate the affirmative, the Institute debators are Howard T. Schlansker, '38, and Paul A. Vogel, '37. For the negative the debators will be Leonard A. Seder, '37, and Robert Treat, '38, with Albert Woll, '37 and Edouard R. Bossange, '38, as alternates.



H.A.G.

Three times in three weeks, we have made lasting impressions on the esteemed teaching staff of the Institute. The first time, the object of our attentions called up and wanted to know who under the sun this so and so was who had been telling tales out of school. The second proof was more pleased with our attentions. He bought several dozen copies of The Tech. And the third staff member has been maligning us with explicit detail in each of his classes.

Perhaps he is justified somewhat. We did not intend to give the impression that the man was giving out confidential information. He was not. We have yet to find a prof. who will give useful information to his class in preparation for a quiz. "There will be a problem on the circle, probably". "One of the questions is usually on the first chapter". We could do as well. Men taking the Physics final may expect that the exam will deal partly with Physics. And so on. But that any member of the Institute's teaching staff would be

(Continued on Page 4)
Lounger

Dorm Dance

(Continued from Page 1)

Finally, when Greene was on the verge of bursting out in tears, he consented to comply with the request, saying, "Yes, I suppose I might do that much for the boys".

Ten Dollars Is First Prize

So Professor Greene will be there on Friday night to announce the contestants and to award the prize of ten dollars to the winner of the contest.

Jimmy Carmody and his orchestra who were here recently will play for the dancing. Reservations for tables at \$1.75 may be made in the Main Lobby or with Harold Prouty, '37, Chairman of the Dance Committee, in the Dormitories.

Course X

(Continued from Page 1)

mortality than the Institute average. The present class of Sophomores dropped 19 per cent from what they numbered last year, while the entire class decreased in enrollment but 7 per cent. The Juniors in the course dropped 3 per cent this year as compared with 1 per cent for the Institute, and the present Seniors lost 21 per cent of their class since last year at this time while the class as a whole lost but 3 per cent. For all three classes combined the total loss was 15 per cent, while for the Institute the corresponding loss was only 4 per cent.

Professor Walter G. Whitman, in charge of the course, in his report on these figures, says, speaking of the mortality, that "it is noteworthy, although not necessarily deplorable."

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Beaver Pucksters Beaten By Tigers

Savage Scores Three Tallies In Last Period To Make Final Score, 7-1

Despite gallant defense work on the part of goalie Steiger, Technology went down to defeat before a hard fighting Princeton team Saturday in Baker Memorial Rink in Princeton, N. J., by the score of 7-1.

Erle Savage, Nassau center and high scorer, led the last period attack by scoring three goals in less than 5 minutes to complete the rout of the tired engineer sextet.

Herb Goodwin, who played an outstanding defense game, scored the only goal for Tech in the middle of the last period. He sent a long shot from outside the blue line that slipped by Princeton's substitute goalie Nicoll.

Steiger Excels At Goal

Only the outstanding work of Bob Steiger at goal prevented a higher score. Time and again, almost certain tallies were prevented by his spectacular stops; by the end of the game, Steiger had run up a total of thirty-seven saves.

Princeton made two goals in the first period and missed two others by dint of the goalie work of Steiger. Both teams changed lines, and Tech lifted the puck down the ice to give the Tiger's goalie several easy saves.

Princeton's third line started the second period, and Steiger made another save on Sylvester's shot from close in. Paul Daley of Tech broke through the Princeton line in a solo attempt to score, but was forced back by Gregory who came out to meet him. With Princeton's first line back, a concerted five man attack which lasted ten minutes resulted in the sole tally of the second period.

Penalty for Goodwin

For the remainder of the period, the Engineers remained strictly on the defensive and contented themselves with lofting the puck down the ice whenever possible. Goodwin was given a two minute penalty for charging, but the Tigers were unable to turn this advantage into a tally.

In the final period, Savage scored once on a pass from Captain Willis and twice more on solo efforts. Goodwin then came through with the only Tech score of the evening. Wilkes Covey, centre on the third Princeton, closed the scoring for the game with a hard shot to the right corner.

'Uniform Numbers of Hockey Players In Tonight's Game

Clip out this list of uniform numbers and take it with you to the Harvard-Tech hockey game at the Boston Arena tonight at 8:15.

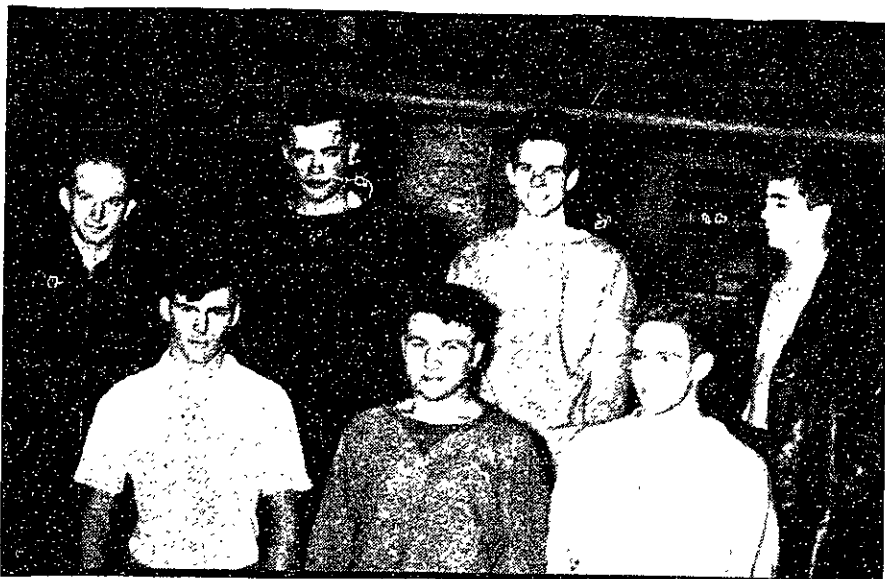
HARVARD

1. Moseley.
2. R. Calloway.
3. Ecker.
4. Ford.
5. Mechen.
6. G. Roberts.
7. Cutter.
8. Quinby.
9. Carr.
10. Allen.
11. Duffey.
12. Dewey.
13. J. Calloway.
14. Holcombe.
15. Brown.
16. Hallowell.
17. J. Roberts.
18. Claffin.
19. Perry.
20. Hicks.
21. E. Emerson.
22. Hovenanian.
23. A. Emerson.

M.I.T.

3. Acker.
4. Healy.
5. Eddy.
6. Cohen.
7. Goodwin.
8. Cook.
9. Anderson.
10. Schipper.
11. Shea.
12. Muther.
13. Stiles.
14. Mayo.
15. Meyer.
16. Parker.
17. Minot.
18. Daley.

ALL-TECH WRESTLING TOURNEY WINNERS



Back—Sam Noodleman, '37; Ed Brittenham, '37; Augustin Powers, '39; Ernest Torrance, '37.
Front—Howard Milius, '38; Joseph Zeitlen, '39; William Binder, '38.

Freshmen Win Inter-Class Swimming Meet

Meets With Amherst, Harvard, St. George Scheduled

Priming themselves for their meets this week-end, the M.I.T. swimmers held an inter-class meet last Friday the 6th.

The freshmen, with the larger squad, won the meet with a score of 34 points. The classes of '36, '38, and '37 followed in that order with point totals of 25, 17, and 10 respectively.

The winners of the events:

- 100 yd. freestyle; Harold Chestnut, '39, 1:00:1/5.
 - 200 yd. breast; Barney Vonnegut, '36, 2:58:2/5.
 - 200 yd. relay; Class '39—Paige, Snow, Martin, Brewster, 1:54:3/5.
 - 50 yd. freestyle; James Patterson, '36, 26:00:0.
 - 220 yd. freestyle; Harold Chestnut, '39, 2:48:1/5.
 - 150 yd. backstyle; Barney Vonnegut, '36, 2:11:4/5.
 - Diving; Frederick Renter, '38, 34.3.
- Friday the 13th the frosh meet Harvard at Harvard, and Saturday the frosh meet St. George at St. George while the Varsity takes on Amherst.

Undergraduate Notice

All are invited to accompany members of the American Society of Mechanical Engineers on a trip to the Ford Motor Company plant on the Fellsway, on Thursday, December 12. Those desiring to go should report in the Main Lobby at 9 o'clock.

AN INVITATION
NEW YEAR'S EVE PARTY
Greek Athen's Olympia Cafe
A Real European Spot
51 Stuart Street near "Met", Boston
Excellent liquor and food - Dancing
No cover charge. \$2.50 per person
Hancock 6236

Posse-Niessen Host After Gym Exhibition

Girls Hold Informal Dance, Serve Refreshments

Captain Roger Needham and ten members of the M.I.T. Gym team gave an exhibition at the Posse School of Physical Education, Kendall Green, Weston, Massachusetts, last Friday, December 6.

Captain Needham, Bob Benson, Dave Werblin, Matt Abbott, and Fred Kolb exhibited their prowess on the parallel bars, and rings, and tumbling; then four freshmen, Henry C. Littlejohn, Carlos A. Sahuri, Albert R. Kaufman, and Robert D. Solomon performed on the Swedish box. The show put on by the Tech boys pleased the girls well, so well, in fact, that the girls supplied refreshments and held an informal dance after the exhibition. Everyone thoroughly enjoyed the evening.

The season's schedule for the Varsity Gym team:

- Feb. 15—Princeton at M.I.T.
- Feb. 28—M.I.T. at Temple.
- Feb. 29—M.I.T. at Navy.
- March 7—M.I.T. at Army.
- March 21—Dartmouth at M.I.T.
- March 28—Championship at Temple.

"Russia With My Own Two Eyes"

A LECTURE BY
FLORENCE H. LUSCOMB
M.I.T. '09, who has just
Returned from the Soviet Union
HEAR ABOUT:
The Desert Blooming in Armenia
Prisons Without Bars
Moslem Women in Revolt
MYERS HALL
Tremont Temple, Boston
Wednesday, December 11
8:15 P. M.
ADMISSION 25c
Auspices Friends of the Soviet Union

Forty Players Report For Basketball Teams

Bulk Of Men Are Freshmen, But Many Veterans Return

At the first basketball practice session on Monday, forty-odd candidates, including thirty freshmen, reported for basketball practice in the Walker Gym. Coach McCarthy has a good number of varsity men back this year and has at least one capable man for every position except center. Some men from last year's frosh team have turned out and the Coach expects them

to be varsity material after more practice.

Well pleased with the large turnout of yearling material, McCarthy expects to turn out a strong team. The freshmen schedule calls for ten games, most of which will be played away.

The varsity schedule also consists of ten games planned with Harvard, Tufts, Brown, Mass. State, New Hampshire, and Vermont, and several other teams as yet indefinite.

A list of veterans from last year's basketball squad, varsity and otherwise follows:—

Garth, Thorton, Wu, Denton, Barbarossa, Kangas, dey Armand, Shuttleworth, Nietsch, Devereux, and Lipsett.

When you come
back after
XMAS

Take advantage of the "COLLEGE SPECIAL"
ROUND TRIP
FARES REDUCED
1/3

These special school and college rail tickets, with their liberal extended return limits, are immensely popular with students and a great saving to students and teachers. When you're ready to come back after Christmas, buy one and save a third of the regular two-way fare. When Spring Holidays come,

you can use the return coupon to travel home again or use it at close of school. The ticket agent in your own town, or any railroad passenger representative can give you full details regarding return limits, stop-over privileges, prices, etc.

The Safe Way is the Railway

ASSOCIATED EASTERN RAILROADS



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House
OF
Finchley Fifth Avenue
Exhibits

QUADLEY SUITS, TOPCOATS AND TUX-
EDOS OF EXTRAORDINARY CHARAC-
TER AND EXCEPTIONAL VALUE ORIGI-
NATED EXPRESSLY FOR COLLEGE MEN.

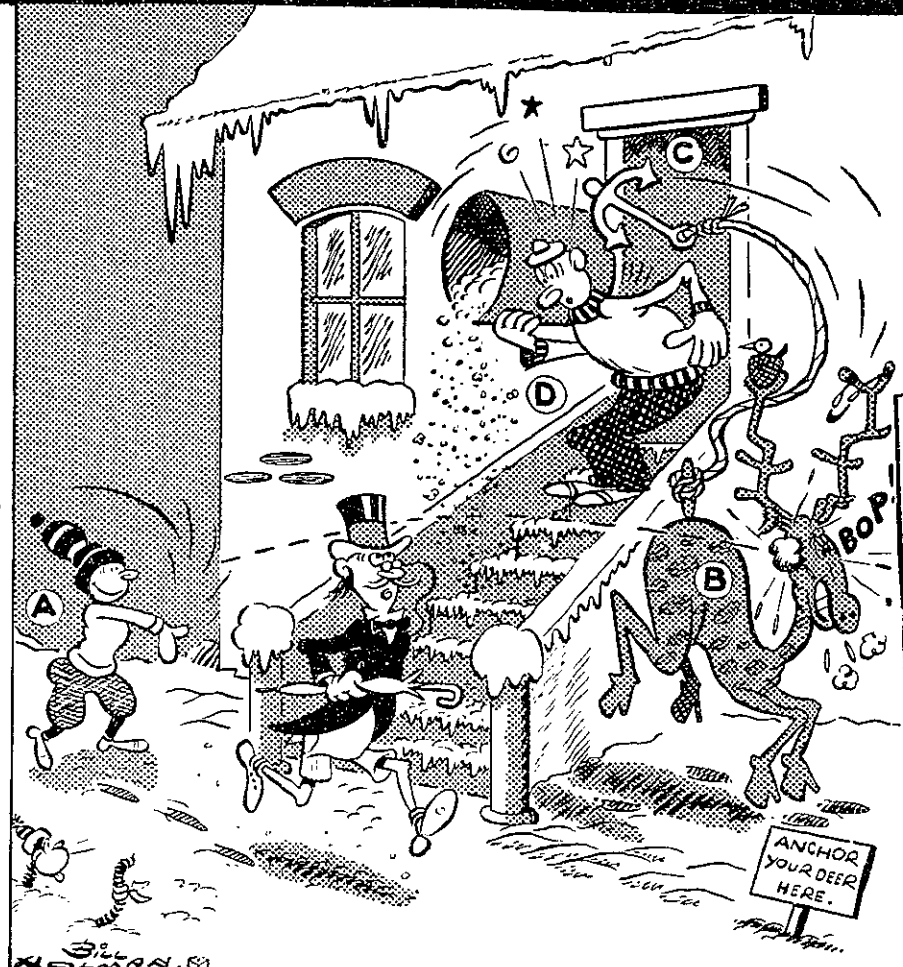
\$35

READY-TO-PUT-ON
TAILORED TO MEASURE \$40 AND MORE
ALSO HATS • HABERDASHERY • SHOES

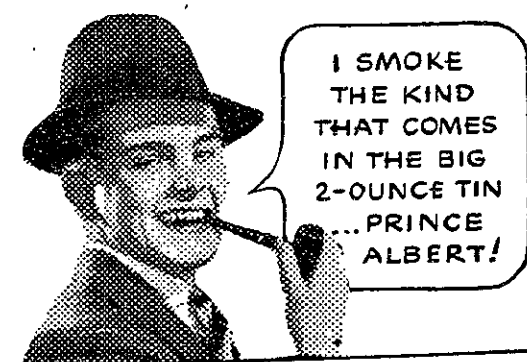
HOTEL STATLER
BOSTON, MASS.
Next Friday, December 13
HARRY SCHEIN, Rep.

EASY WAY TO MAKE LIBRARY STEPS SAFE ON ICY DAY

URCHIN (A)
THROWS
SNOWBALL AT
PROFESSOR
WEARING TOP
HAT. MISSES
AND SNOW-
BALL HITS
REINDEER (B)
ANCHORED
NEAR BY. DEER
IS ANNOYED
AND SWITCHES
TAIL. ANCHOR
(C) HITS ASH-
MAN KNOCK-
ING BARREL
OF ASHES (D)
DOWN STEPS
THUS ENDING
SKIDDING



...AND AN EASY WAY TO ENJOY A PIPE



I SMOKE
THE KIND
THAT COMES
IN THE BIG
2-OUNCE TIN
...PRINCE
ALBERT!

50 MELLOW PIPEFULS IN EVERY TIN



YES, SIR—2 OUNCES IN
EVERY TIN. AROUND 50
PIPEFULS OF QUALITY
TOBACCO—WITH THE
"BITE" TAKEN OUT—
THEN "CRIMP CUT"
FOR SLOW, COOL
BURNING. PACKED
RIGHT, IN TIN. BEGIN
TODAY TO SMOKE P.A.!

PRINCE ALBERT
THE NATIONAL JOY SMOKE!

Copyright, 1935, R. J. Reynolds Tobacco Company, Winston-Salem, N. C.

CALENDAR

Tuesday, December 10

6:00. Inter-Fraternity Conference Dinner, Grill Room, Walker Memorial.
7:30. Tech Show Rehearsal, Walker Gymnasium.
8:15. Hockey Team Plays Harvard, Boston Arena.

Wednesday, December 11

12:00. Sailing Lecture, Professor Owen, Room 5-330.
1:00. Sailing Lecture, Professor Owen, Room 5-330.
5:00. Unity Club Meeting, West Lounge, Walker Memorial.
5:45. Graduate House Dinner, North Hall, Walker Memorial.
6:30. A.S.C.E. Meeting.
7:00. Dormitory Basketball Games, Walker and Hangar Gymnasiums.

Thursday, December 12

9:00 A.M. S.A.E. Trip to Ford Plant; Meet in Main Lobby.
5:00. Beaver Key Society Meeting, East Lounge, Walker Memorial.
6:00. Institute Committee Meeting, East Lounge, Walker Memorial.
7:00. Dormitory Basketball Games, Walker and Hangar Gymnasiums.
8:00. Tech Show Rehearsal, Walker Gymnasium.

Your Story

(Continued from Page 1)

varies beyond eighty and ninety Fahrenheit, surf-board riding and swimming take place throughout the year along this famous strip of sand. On the shores of the beach can be seen the red facade of the Royal Hawaiian Hotel, one of the largest buildings on the island, well-known to globe-trotters. The Memorial Swimming Pool, scene of many aquatic records, is also situated on Waikiki Beach.

There are many other interesting points to see in the city, but it is near sailing time, and after buying some large alligator pears (Avocado) and ripe mountain apples and being loaded with garlands of flowers by friends, the visitor mounts the gang-plank of the ship.

A uniformed band on the pier plays "Aloha Oae" as the great liner steams slowly out of port and we bid farewell to Honolulu—the gateway of Paradise Isles.

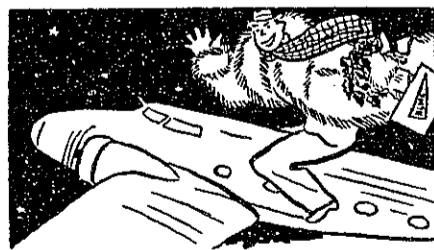
Reynolds To Speak On Cape Cod Canal Model

The Boston Society of Civil Engineers at its meeting next Wednesday, December 11, will see in action the completed model of the Cape Cod Canal on which Institute men headed by Prof. K. C. Reynolds have been working since last winter. Difficulties in creating tides in the 115 foot model have been ironed out through the co-operation of the Electrical Engineering Department, and the device is now ready for operation.

Professor Reynolds will speak in Room 6-120 at 7 P.M. to the Society, and will explain various features of the research which has been done on the Canal, after which the meeting will adjourn to Building 20 where the model is located. All interested in the work are invited to attend.

Straight "T" Is Awarded To Henry Guerke '37 for Track

Technology's advisory council on athletics has awarded a straight "T" to Henry Guerke, a junior from Somerville, who is captain-elect of the Cross-Country team. Although he never ran before he reported as a freshman to Oscar Hedlund, Guerke improved enough to finish 13th in the New England, 19th in the I C 4A harrier events, and not worse than second in any of the dual contests. He is a two miler in the spring.



FLY HOME FOR XMAS!

Take a number! The number of days you have for Christmas vacation, for instance. Well, we'll give you exactly that number of days AT HOME—by flying you there OVERNIGHT in a 200-mile-an-hour plane. Or leave in daytime and be home the same evening.

This means you, if you live in Cleveland, Chicago, Twin Cities, Omaha, Denver, Los Angeles, San Francisco, Portland, Seattle! Reservations: Boston, 430 Stuart St., Com. 0657 or Hotels; Travel Bureaus; Telegraph Offices.

UNITED AIR LINES

Wrestling

(Continued from Page 1)

minutes after wrestling with the 200 pound Leon Baral for ten grueling minutes.

The two freshmen, Augustus J. Powers and Joseph G. Zeitlen, have proven their supremacy in the 145 and 165 pound classes and will wrestle against Harvard's freshmen Saturday.

One of the most exciting bouts occurred in the 126 pound match when Thomas C. Torrence, '37, pinned James R. Cruciger, '39, in 9:13. Gus Powers fought his way through the 145 pound bouts with a fine display of spirit, finding it necessary to defeat both of the well-known de Raismes twins. Results:

188 pound: Finals. Samuel Noodleman, '37, defeated Ichiro J. Takahashi '37; fall 3:50.

126 pound: Entrants. S. Powers; S. Noodleman; W. May; T. Torrence;

H. Knippenberg; G. Laurent; S. Cruciger.

Finals. Thomas C. Torrence, '37 defeated Cruciger, '39, fall 9:13.

135 pound: Entrants. C. Hobson; E. Bartholomew; R. Casselman; L. Kanters; R. Herrara; H. Milius; F. Mulberry; T. Welton; C. Cardini; J. Arnold.

Finals. Howard E. Milius, '38, defeated Edward L. Bartholomew, '37, fall 4:36.

145 pound: Entrants. A. Powers; G. de Raismes; M. Metzger; C. Cardani; C. Taylor; R. de Raismes; A. Zimmer; B. Tremblay; C. Mathis; J. Harrison.

Finals. Augustus J. Powers, '39, defeated Robert E. de Raismes, '37, time advantage, 8:14.

155 pound: Entrants. J. Green; M. Cetti; D. Mullin; E. Williams; C. Cardani; L. Hull; W. Broadbent; M. Johnson; G. Schroeder; W. Binder.

Finals. William Van L. Binder, '38, defeated David W. Mullin, '39, fall 4:16.

Lounger

(Continued from Page 2)

S.P.C.A.ish enough to give his class exact info on any exam whatsoever is so improbable that it is funny.

Incidentally, for those of you who have objections to our column, a letter addressed to us at The Tech News Room will let us know your likes and dislikes. We may occasionally overstep the boundaries of good taste while trying to amuse Tech in general. But we won't know that you are offended unless you tell us.

165 pound: Finals. Joseph G. Zeitlen, '39, defeated Burkhardt A. Kleinhofer, '39.

175 pound: Atmore G. Strom, '38, will wrestle William Binder, '38, tonight.

Unlimited Heavyweight: Semi-final. Edward A. Brittenham, '37, defeated Leon Baral, time advantage.

Finals. Brittenham defeated John R. Pellam, '37, fall 3:52.



Billy Bounce is a tough guy

IT'S TRUE that he spills his orange juice, which is a very bad thing to do—even if he is a rubber doll. But toughness is a virtue when you have to pal around with a two-fisted fellow like Bobbie (the chap with the curls).

There was a time when a rubber doll just couldn't take it—but today rubber dolls (and other rubber things from tires to hot water bottles) are made more sturdy and stout-hearted by chemicals developed by chemists of the rubber industry, aided by Du Pont research.

Curiously enough, the very orange juice that Bobbie himself drinks so nicely, comes from golden fruit the orange grower protected with Du Pont Plant Spray.

And Bobbie's wash-suit, which is a joy to his mother because it stays so bright and blue, can thank a Du Pont fast dye for its color.

At almost any moment in the daily life of the average person—young or old—modern chemistry is contributing useful service of one sort or another.

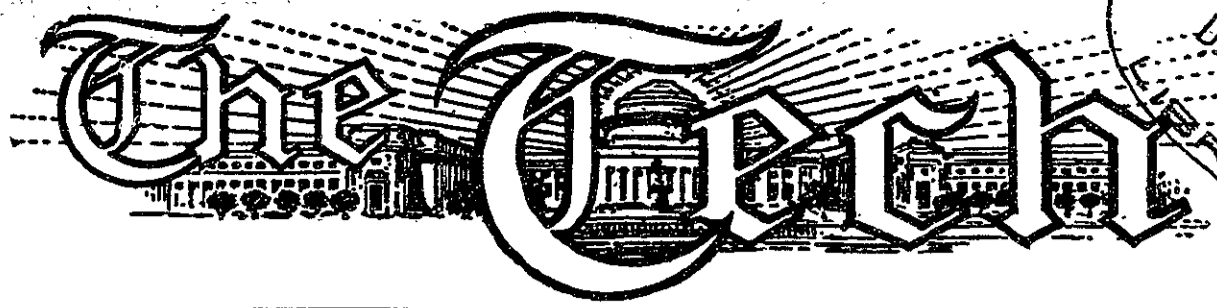
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Volume LV. No. 52

CAMBRIDGE, MASS., FRIDAY, DECEMBER 13, 1935

Price Three Cents

Sailing Lectures Being Continued By Prof. Owen

Evolution Of Sail Is Subject Of
Talk, Second Of Series
On Wednesday

Schedule Of Future Talks On
Sails, Boat Design, Announced

"Shore School" Classes Start
Next Tuesday; Given
By Prof. Vose

Evolution Of The Sail was the topic
of Professor George Owen in his
second sailing lecture held Wednes-
day, December 11. The lecture was
held in Room 5-330, and was given
both at 12 and 1 o'clock.

Beginning of the shore school was
announced by Professor Robert W.
Vose, with the first class to be held
at 5 o'clock next Tuesday, December
17. Classes are to be held on Tuesday,
Wednesday, Thursday, and Friday of
each week, with a different section
scheduled for each night. Sections
are divided alphabetically.

Slides of various sailing vessels—
ancient and modern—were shown
Wednesday in Professor Owen's lec-
ture. He announced that the topics
for the next lectures will be:

Sails and their Application, Forms
of Hulls, Rigging, Art of Sailing, Art
of Racing, Racing Tactics, Sail Cut-
ting.

These lectures are being conducted
so that students with no previous
sailing experience may grasp all the
elements of good sailing.

Wellesley Debaters Will Meet Technology Here In Eastman Hall

Two Wellesley Girls To Debate
Three Institute Men
Here Saturday

Wellesley, represented by Ruth C.
Frankel, '38, and Barbara Lieberman,
'37, will meet the Technology Debat-
ing team tomorrow afternoon, at 3:00
P.M., in the Eastman Lecture Hall,
on the subject of American Neutrality
In Case of a Foreign War. Harold
James, '38; Allan E. Schorsch, '38;
and Benjamin Siegel, '38; will defend
the position that America should re-
main neutral.

Judges for the debate will be
Clayton Priestmal, teacher of de-
bating and public speaking of the
Leland Powers School of Dramatics,
and Waldo Emerson Dunn, of the
School of Theology of Boston Uni-
versity. Robert Treat, '38, vice-
president of the society, will act as
chairman of the afternoon.

A.S.M.E. Hear Talks by Prof. Holt, E. Burbank

On Tuesday evening, the A.S.M.E.
heard two distinguished speakers,
Mr. E. W. Burbank, of the Allis
Chalmers Company, and Prof. James
Holt of the Institute. Mr. Burbank,
chairman of the committee on rela-
tions with colleges, spoke on the
activities of the student branches of
the A.S.M.E. Prof. Holt, honorary
chairman of the Technology branch,
outlined a plan of written and oral
competitions for members during the
winter.

Also announced at the meeting was
a plant trip scheduled for next Mon-
day, December 16th to the Simplex
Wire and Cable Company. The trip,
arranged by William E. Burns, '37,
is open to everyone. All those wish-
ing to attend should meet in the Main
Lobby at 2:00 P.M.

M.I.T. Bo'suns Hold Meeting To Organize Sailing Group

A meeting of bo'sun's and
bo'sun's mates, those students
who have indicated interest in
sailing and have turned in cards
of qualifications to Mr. Robert W.
Vose, was announced by the
organization committee last
night. The meeting will take
place in Room 5-226 at 5 P.M.
next Monday afternoon.

It was also announced that the
purpose of the meeting was to
consider the problem of organiz-
ing a group of Nautical As-
sociates. The organization com-
mittee has requested Mr. Vose to
preside at the meeting on Mon-
day.

All further sailing notices will
be posted in Room 5-330 and on
the bulletin board opposite the
cashier's office.

5:15 Club Holds New Year's Dance

Commuters' Club First Meeting
Presents "Sailing On
The Yankee"

Commuters' Club will help usher in
1936 with a New Year's Eve party to
be given in Walker Memorial from
10 to 4 o'clock on the evening of
December 31st. Present plans also
include an open meeting, the first this
year, which will be held in the club
room on Monday, December 16th.

The ball is to be formal or mas-
querade, cabaret style, with Tom An-
derson's band furnishing the music
for the dancing. It is strictly limited
to Technology students; tickets will
be sold only to those showing a
bursar's card. Two plainclothesmen
will be in attendance at the affair.

Tickets in Main Lobby
Tickets, costing \$3.50 per couple,
will be on sale in the Main Lobby all
next week; any tables that are left
may be reserved by calling the In-
formation Office during the vacation.
If any tickets are left, they will be
available at the door. Bursar's cards
must be shown, however, no matter
when the tickets are secured. All
those attending are urged to reserve
their tables when they buy their tick-
ets.

At the first open meeting of the
5:15 Club next Monday, December
16th, Professor Henry Fay, a yachts-
man of much experience, will speak
on "Sailing aboard the Yankee".
Reports will be given by the chair-
men of the committees, and the
organization of the club will be ex-
plained to the members.

"How Not To Be a Brownbagger"
This meeting, in charge of Vice-
President Leonard B. Chandler in the
absence of the president, will, it is
hoped, be the first of a series of such
occasions, occurring about once a
month and presenting various fea-
tures for the members' benefit. One
of the novelties of the first meeting
will be advice on "How Not To Be a
Brownbagger". Refreshments will be
served after Professor Fay's talk.

The meeting, which is for all mem-
bers of the 5:15 Club, will be over by
6 o'clock.

Technology Challenged by Carnegie To Intercollegiate Chess Tournament

Challenge to an Intercollegiate
Chess Tournament was received last
week by the Walker Memorial Com-
mittee from the Varsity Chess team
of Carnegie Institute of Technology.

Radio communication will be em-
ployed to conduct the game, the
Technology team setting up their
board at the radio shack of Station
W1MX and the Carnegie team meet-
ing at a radio station on their campus.

Moves Radioed
Radio operators will be on hand at
either end to broadcast the game
move for move by telling the numbers
of the squares moved from and to.

Seniors Feature English Players

Kent Bartlett's Orchestra Will
Play For Final 1936
Class Dance

Tickets Distributed Next Week

Kent Bartlett and his orchestra will
play for the Senior Dance to be held
on Friday, January 10, the committee
announced last night. Kent's orches-
tra has recently come over from Eng-
land, where he played at the Mayfair
in London.

Tickets to the dance will be dis-
tributed to the Seniors from the booth
in the Main Lobby next week Mon-
day, Tuesday, and Wednesday —
December 16, 17, and 18. They may
be obtained from 12 to 2 o'clock on
these three days. After Wednesday,
no more tickets will be distributed!
Only members of the Senior Class
will receive tickets, for which no
charge is made.

Patrons and Patronesses will be
Dr. and Mrs. Karl T. Compton; Dr.
and Mrs. Vannevar Bush, Treas. and
Mrs. Horace S. Ford; Dean Harold E.
Lobdell and his mother; Professor and
Mrs. Leicester F. Hamilton; Profes-
sor and Mrs. James R. Jack; and Mr.
and Mrs. John M. Nalle.

The committee for the Senior Dance
is composed of the following members
of the Class of 1936: Scott C. Ret-
horst, Robert E. Worden, William W.
Garth, Robert S. Gillette, and Richard
S. DeWolfe.

Plans Are Developed For Next Tech Show

Prof. William Greene Returns
To Coach Production

Plans for this year's Tech Show
are well under way. The cast, the
chorus, the production staff, and the
script have all been chosen definitely,
and bond is now being collected to
ensure the financial success of the
venture.

William W. Towner, '36, Harry T.
Easton, '36, and Lawrence Kanter, '36,
are general manager, business
manager, and treasurer of the organi-
zation, respectively. The members
of the production staff are Robert J.
Moffett, '37, production manager;
Phillip H. Dreissigacker, '37, cast
manager; Julian S. Rifkin, '36, Pub-
licity Manager; Harry H. Weese, '37,
Musical Director; William A. Stein-
hurst, '36, costume manager; Richard
U. Bryant, '36, program manager.
Professor Bill Greene is again coach-
ing the cast after a year's absence.

The script, written by Rufus P.
Isaacs, '36, has no name as yet. Un-
like the scripts of the last few pro-
ductions, this one does not center
on life at the Institute. The final copy
(Continued on Page 4)

Tech Show

Dorm Men Will Hold Christmas Formal Dance Tonight In Walker

All Stratton Prize Entries
To Be In By Xmas Vacation

All entries for the Stratton
Prize Contest must be in before
Christmas Vacation. Those who
wish to compete must hand to the
President of the Professional
Society which they will represent,
or to William H. Austin, '36,
their names and the topics which
they will discuss before that date.

This contest, the prize for
which was provided for in the
will of the late Dr. Samuel W.
Stratton, former President of
Technology, is an annual feature
of the Combined Professional
Societies, under whose manage-
ment it is run. It gives in-
valuable practice in writing and
presenting reports on scientific or
allied subjects.

Sixth Dinghy To Be Added to the Fleet

Ropes And Books For Nautical
School Donated By
An Alumnus

Marshall B. Dalton, '15, Vice-Presi-
dent of the Alumni Council, has
donated the sixth dinghy to Tech-
nology's fast growing fleet. E. W.
Brewster, '13, connected with the
Plymouth Cordage Company, has
donated rope and books on knot tying
which will be used in the nautical
school that is a part of the organiza-
tion of sailing at the Institute.

Mr. Dalton, when at Technology,
was rather prominent in activities.
He was a member of Phi Gamma
Delta and reached the height of his
undergraduate career when he was
elected president of the senior class.
Since then he was employed in the
Safety Engineering Department of
The Liberty Mutual Insurance Co.
and is now President of the Boston
Manufacturers' Mutual Fire Insurance
Company.

Drama Club Presents Exciting Melodrama

Drama Club, organized in 1933 for
staff members, their wives, and the
wives of students, who are interested
in amateur theatricals, will present
"Under the Gaslight" in the Com-
mons Room of the Rodgers Building
on Saturday, December 14 at 8:30
P.M. The play was written in 1867
by Augustus Daley and consists of
5 acts and 10 scenes, all of which
are to be presented on the small
Rodgers stage. Although the play is
for members and their guests only,
a packed house is expected.

Refreshments will be served after
the play.

Mrs. W. Ross is president of the
Drama Club; Mrs. Donald Tucker is
in charge of the production; Miss
Eleanor Prescott, Dean Lobdell's
daughter, is in charge of scenery de-
sign; Mrs. George Harrison is chair-
man of the production committee.

The play is a typical melodrama of
the type now being popularly revived;
there is a bold hero, a tender heroine,
and a very villainous villain. The
atmosphere is permeated with rob-
bery and attempted murder.

Mrs. Jules Stratton will play the
part of the heroine; Mr. R. F. Mor-
rison will be the hero, and Professor
Edwin Burdell will enact the villain's
role.

Siren Will Dispose Of Worst Amateurs In Contest

Claptometer Is Installed To
Measure Volume Of Applause

Tables To Be Arranged About
Dance Floor, Cabaret
Fashion

With the first amateur contest ever
held in the Institute as its main fea-
ture, the dormitory men will hold their
annual Christmas dance tonight in the
Main Hall at Walker.

Professor William C. Greene, who
has kindly consented to officiate as
master of ceremonies will use a
siren instead of a gong to stop the
contestants who have to be stopped.
About ten or twelve amateurs have
already signed up for the contest and
a place on the program is being re-
served for those who wish to enter
but who did not make arrangements
before-hand. Most of those who have
enrolled so far are vocalists or
pianists, but dancers and other ama-
teurs are invited to compete.

Ten Dollar Prize Awarded
Amateurs will be given the ad-
vantage of the public address system
to make sure that everyone can hear
and a claptometer is being installed
in order that the winner of the \$10.00
prize may be chosen fairly according
to the applause that his act brings
forth. The "Amateur Hour" will be-
gin around 11:30 and will probably
last for the whole hour.

The floor will be arranged in ca-
baret style with the tables on three
sides of the dance floor, which will be
at the side of the room. Most of
the tables have already been reserved,
but extra ones will be put up to take
care of those who wish to make ar-

(Continued on Page 4)

Dorm Dance

Banjo Club; Octet Give Radio Broadcast

Tech Aristocrats Change Name;
Now Called Techonians

The M.I.T. Banjo Club and Octet
will be featured in a radio broadcast
over stations WBZ and WBZA on
Saturday, December 14, from 4:30 to
5:00 P.M. These radio programs will
be continued through the year by the
various groups in the Combined Musi-
cal Clubs.

By special arrangement with the
management of the Combined clubs,
the Tech Aristocrats, official dance
orchestra of the Institute, will be
known as the Techonians. Anyone
interested in the managing or direct-
ing of the orchestra should see Harry
M. Weese, '37, the leader, in the
Musical Clubs office in Walker
Memorial.

Dr. Warren K. Lewis Talks At Grad Dinner

On Wednesday night the Graduate
House held its last dinner prior to
the Christmas party which is to take
place on Wednesday, December 18th.
The guest speaker was Dr. Warren
K. Lewis of the Department of
Chemical Engineering.

Dr. Lewis spoke on "Scientific
Methods", discussing the various
branches of science, their value to the
world, and their recognition by the
public. He concluded by asserting
that all science is based on a few
simple facts.



Vol. LV DECEMBER 13, 1935 No. 32
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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OPPORTUNISM

DEAR BRUTUS

EXPRESSING for the first time the theory of opportunism the ill-fated Julius Caesar remarked that, "The fault, dear Brutus, is in ourselves, and not in our stars, that we are underlings". At least that remark was attributed to him by the master showman William Shakespeare.

Some two hundred years later a Corsican upstart with ambitious ideas tested Caesar's theory to his consequent fame.

Opportunism as a practical application begins with Napoleon Bonaparte. A perfect judge of men and situations, he was the first self-made man in the modern sense of the word.

Since Napoleon, opportunism has been a fetish with us; it is essentially a part of nineteenth and twentieth century ideals, and while its peak of popularity has probably passed, rugged individualism has its place in our modern philosophies. The most severe blow to the belief that a man is what he makes himself was given by the depression. Throughout the period of maximum unemployment we found that there was a time when a perfectly capable individual might find it difficult to get enough to eat even though his efforts to succeed were sincere.

But business, we are told, is improving, and with fears or hopes of a proletarian revolution generally restricted to the veriest radicals, opportunism once more comes into its own.

If the theory of the business cycle is true then college graduates of these immediate years are leaving at the best time to put to good use whatever opportunistic ideals they may have. "Get in now, at the bottom," says the professor of economics, "and rise with prosperity".

Vive l'empereur! Opportunism has returned to its proper place in our hearts.

THE PUBLIC FUMES

AND MISSES THE POINT

SOMEONE has defined fanatics as people who redouble their efforts once they lost sight of their objective. It is truly amazing to witness the terrific excitement of certain college editors, alumni, and sports commentators over Prof. Owen's charge that the spirit motivating American college football is anything but representative of true sportsmanship.

A man going to the trouble of reading all that has been said, written and telegraphed during the last forty-eight hours will look in vain for even one satisfactory answer to Prof. Owen's demand that if there must be commercialized college football it should be above board and without this silly talk about the extraordinary and exclusive character building properties of the game. The truth is that other sports are as good and even better media for fostering sportsmanship and a sense of fair play; only they lend themselves less readily for monetary exploitation: "they don't pay". It is most amusing to the disinterested observer to behold some fifty thousand people (many of them only slightly intoxicated) yelling and screaming while a handful of hardworking young men are trying to do their best. And in order to stimulate these boys a little more there is a whole week of newspaper discussion by self-appointed experts about the respective merits and faults of players and coach. If this is sport in its true sense then so is professional baseball and boxing. The fact that college football

players do not receive officially recognized compensation for their efforts does not serve to improve the situation one bit; it only makes it more hypocritical.

Many colleges feel they need the gate receipts to subsidize other sports and to help cover sundry expenses; others yield to the organized pressure of their alumni (the type that champions an expanding waistline at the expense of mental growth) and resort to all kinds of doubtful practices from a mere "football scholarship" to outright subsidies. It is probably unfortunate that Prof. Owen undertook to mention a few specific offenders in a case where guilt is so widespread; his plea for a game as clean as college basketball or tennis still stands, the furor of opinionating mediocrity, notwithstanding.

BIG ACTIVITY MEN

BIGGER DO-NOTHINGS

THE Technology newcomer is constantly being encouraged to choose an activity to supplement his technical education; outside activities are of recognized benefit. By way of encouragement, the Faculty follows a policy of laissez faire in all undergraduate affairs. It seeks the advice and general attitude of the student body through the Student-Curriculum Committee, and has even given the undergraduates the prodigious task of conducting the annual Open House.

But besides having the opportunity to develop the qualities of leadership, self reliance, and personal confidence, activity men assume a certain amount of responsibility. The manner in which most Institute activities are conducted is a direct reflection on the men holding the key positions. Do they always realize that they have a duty to perform to their activity, and that others judge them by the degree of its success?

Last week the Institute Committee revoked official recognition of Corporation XV. In reality, Corporation XV had been disbanded last year, when Faculty members realized that the organization was not functioning. A committee appointed to investigate the reason for the activity's failure found that the fault could be laid directly to the officers. They were big activity men; they had too much other work to do to give Corporation XV the necessary attention.

Right now there are a number of activities on the Technology campus that are stagnant perhaps for this same reason. The Freshman Rules Committee, the Student Curriculum Committee, the Beaver Club, the Gridiron, the Quadrangle Club, the Walker Club are activities in name only.

The blame for the inactivity of these moribund organizations must be laid directly to the officers. The thoughtlessness which prompted their appointments can only be remedied by their resignations, in order that men who are willing and able to devote the time can be given the positions. A poorly done job in this case will be far better than doing no job at all.

The original framers of the undergraduate constitution thought that the possibility of such a situation arising could be prevented by the application of a point system with a stated number of points for each responsible activity position. Originally there was a separate committee to enforce the ruling allowing students to carry only ten points. Unfortunately whenever the question of anyone's being overpointed arose, the Institute Committee itself voted to permit the exception until the exception in fact became the rule.

When it was realized that the Point System Committee could no longer carry on the petty sham of working when there was no work to do, the function was added to those of the Walker Memorial Committee.

But the blame for condition of undergraduate organizations today lies behind the sanctioning of overpointed leaders. The point system itself is so inadequate that no one takes it seriously. The present system was devised by a former chairman of the Walker Memorial Committee, who cannot be expected to have been sufficiently familiar with conditions in other activities to do an adequate job of rating.

Prompt investigation of conditions in stagnant organizations should reveal whether overpointed leaders or other reasons are to blame.

At any rate we are in real need of a point system which will serve the following purposes:

1. Prevent students from assuming too much extra-curricula work to the consequent detriment of their scholastic standings.
2. Prevent students from assuming so much leadership that the activities themselves must suffer, and
3. In consequence of (1) and (2) enable more students to assume undergraduate leadership.

And, of course, it should be kept in mind that the rating of positions in each activity should be done by persons familiar with each one.



Concerning consistent chemists

The chemists have been pretty busy lately. We have been swamped with stories of the doings and undoings of the five and ten men. And women. But we referred about half of the tales to Voo Doo. And are submitting only two for your benefit.

One ingenious youngster determined to take advantage of the home problem-solution time relation in his section. Problems to be handed in at the beginning of the period, when solution would be put on the board by the instructor. The young chemist-to-be arrived about five minutes before the end of the previous period, and copied down the solutions as the prof. put them up. But when his paper was returned he only had two credits out of a possible three. Proving that even a chem. prof. can be wrong sometimes.

Swiped shoes

One of the well known Junior co-eds for, we suspect, the usual reasons, had slipped off her shoes in an organic lecture. Genius and inspiration sitting somewhere behind her noiselessly removed the shoes and passed them on. With the result that the owner padded around a lab period sans souliers et sans sang froid.

Definitions

Feeling that the words "brown bagger", "bugger factor", and "scrim", are being worked to death, we submit a few that have come to our attention recently. We are indebted to Prof. Manfred Rauscher for the appellation, "heroic gentleman", a somewhat elevated term for a B. Bagger. 2:30 contributes "delta iron" as the factor which makes your answer differ from the correct one. And the M.E. department give us "hyper elastic resilience" which sounds very nice and can be introduced into a discussion of anything.

Insidious Insults

Hearing a U.C.B.B. call an acquaintance a "differentiated imaginary root" gives us cause to suggest that here is a virgin field of oratory, which will permit considerable development.

Infirmary List

H. Hecker, '38; Edna Howley, Employee; H. McMurry, Employee; Francis Peters, '37; E. Piotrowski, Faculty; R. Reichart, '37.

Reviews and Previews

AT THE THEATRE

PLYMOUTH—Three Men On a Horse continues with great success.
COPLEY—Katydid So What ends tomorrow evening.

SYMPHONY HALL—The next Tuesday afternoon concert of the Boston Symphony Orchestra will consist of some of the more familiar works of Wagner and Strauss, including preludes to the "Meistersingers", "Lohengrin, and "Tristan and Isolde" and Strauss' tone poem, "Ein Heldenleben".

Coming soon at the Copley—Ceiling Zero, an aviation melodrama.

ON THE SCREEN

FINE ARTS—Molnar's "Liliom" featuring Charles Boyer. A French film (English sub-titles).

PARAMOUNT AND FENWAY—The first Boston showing of Paramount's new musical Coronado with a familiar cast. Warner Oland in a new Charlie Chan mystery, Charlie Chan's Secret.

METROPOLITAN—Warner Bros. latest musical, Stars Over Broadway. The stage show is the musical production, One Hour With You complete with the original cast.

KEITH MEMORIAL—George Arliss the screen's first gentleman as Mister Hobo. The March of Time (news propaganda) and a roaring organ interlude.

LOEW'S STATE AND ORPHEUM—William Powell in a story of the war time American "Black Chamber" (spys an' everythin') Rendezvous. Also another first run picture, Joan Bennett in She Couldn't Take It.

MAJESTIC—A Midsummer Night's Dream.

RKO BOSTON—The Great Impersonation romantic mystery with Edmund Lowe. His Family Tree, comedy.

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Season's First Boxing Meet Tonight

Tech Boxers Meet Harvard Mittmen In Opening Clash

Season's Opener Expected To Attract Large Crowd To Hangar Gym

Tech Prospects Seem Bright; May Upset Traditional Rivals

Girls Escorted By Technology Students Admitted Free Of Charge

Coach Tommy Rawson's exponents of the manly art of self defense will exhibit their prowess against the Harvard leather pushers tomorrow evening at 8 o'clock in the Hangar Gym. For the first time in a number of years, Technology is placing a full lineup and will enter the meet without the handicap of forfeitures.

Four Seniors

The team this year is composed mostly of veterans who have seen experience on the Varsity and freshman teams. In the lineup there will be no less than four seniors, Captain "Champ" Norton at 115 lbs., Ex-Captain Nick Lefthes at 145 lbs., Mike Kuryla, in one of the 165 lb. meets, and Wally Mathesius in the 175 lb. class.

For all the boys, a win over the traditional upstream rivals would be a fine start for what is shaping up to be a banner season, and heated action is expected to result when these two teams clash.

Norton In 115 lb. Class

Captain Phil Norton will open the festivities tomorrow evening when he faces Stuart Finer in the 115 lb. class. Norton lost to Finer in last year's dual meet and again in the Intercollegiate at Penn State, but the law of averages say that "Champ" will crash through with a win.

Tony Chmielewski, a Sophomore of Field Day football fame, will represent Tech in the 125 lb. division. Tony has never boxed before this year, but has developed rapidly and is eager to swap blows with his more experienced Crimson rival, Larry Crampton.

Bill Wold Back

The 135 pound class finds Bill Wold back in the Cardinal and Gray uniform after a lay-off of a year. Last year Bill hurt his thumbs in the meet with Rutgers and did not compete for the remainder of the season. Wold has plenty of hitting power and will make good use of it against Harvard's Pete Ward.

Lefthes In Good Shape

The feature bout of the evening will undoubtedly be in the 145 pound class when Neck Lefthes swaps blows with either Dwight Ellis or Johnny Brassil. Ellis was Captain of the Harvard freshman team last year, and Brassil has had plenty of ring experience, his father being a well known referee. The fast and hard punching Nick Lefthes will probably more than hold his own against either of them.

Exhibition Bouts Arranged

The 155 pound class is as yet wide open. Coach Rawson has not yet decided between Red Wallace, '38, and Don Gleason, '37. Both boys are hard free-swinging punchers and are certain to see action, as an extra exhibition bout has been arranged in this class.

The middleweight class is also undecided at press time, the battle being between Bob Thorson and Mike Kuryla. Mike fought heavyweight last year, but during the summer he worked in a Mexican ore mine, where

Mittmen who may see action tonight



Staff Photo

Standing left to right: Bill Wold, 135 lb.; Red Wallace, 155 lb.; Bob Thorson, 165 lb.; Sam Wallach, heavyweight; Wally Mathesius, 175 lb.; Nick Lefthes, 145 lb. Front row left to right: John Gibbs; Tony Chmielewski, 125 lb.; Captain Phil Norton, 115 lb.; Don Gleason, 155 lb.; Fred Claffee, 145 lb.

Swimming Team Opens Season This Week-end

Varsity Make Trip To Amherst Freshman To Swim Twice

M.I.T.'s freshman swimming team will pry off the lid of the intercollegiate meets when they face the Harvard frosh at Harvard this afternoon. The Varsity will swim its first dual meet tomorrow afternoon when they travel to Amherst. The freshmen will swim their second meet in two days when they face St. George's Academy, Saturday afternoon also.

Head Coach Jarosh, who will make the Amherst trip hopes to start the season with a win. The men making the trip will leave by bus from Walker Memorial at 8:15 o'clock, and will begin their meet at Amherst at 3:30. The freshmen, under the guidance of Assistant Coach Bill Champion, face the task of two meets in two days. They also will take a bus for their long trip, leaving for Newport from Walker Memorial at 8:45.

Manager Robert Goldsmith will be in charge of the trip of the Varsity team, which is captained by Jim Patterson. Sophomore Manager Kaulbach will go to St. George's with the frosh, who have yet to elect a captain. The yearlings won the interclass meet last week.

The chances of the Varsity are somewhat endangered by the absence of Ward J. Rafferty, who has failed to report for swimming as yet.

Undergraduate Notice

Students from greater Boston Colleges will meet at Trinity Church at 4:15 o'clock next Wednesday, December 18, for a Christmas Vesper service.

he trained down to his present weight. Here too, an extra exhibition bout has been arranged, assuring the fans of plenty of action.

The one seventy-five pound class finds Wally Mathesius doing the honors. Wally came out for boxing for the first time last year and started out with a loss, followed it up with a win on a decision, and then with a win by a K.O. If he starts off where he ended last year he is bound to make Tech ring history. Wally is in good shape, having worked in a steel mill during the past summer and it will stand him in good stead.

The opening gong for the heavyweight class will find Sam Wallach, a Sophomore in Tech's corner. Sam is a big lad, tipping the scales well over the 200 mark, and has plenty of stamina. He has been training hard during the past fall and is bound to give his opponent plenty of trouble.

Wrestlers Grapple Harvard Tomorrow

Strong Crimson Varsity Will Be Opposed By Experienced Tech Matmen

Coach Jay Rick's grapplers will meet a strong Harvard team in the Hangar Gymnasium tomorrow afternoon at 3:30. The Technology Varsity is composed of experienced men and is expected to give an excellent account of itself. The freshmen compose the untried element, but with Jay Rick's system of coaching, should win their half of the meet.

Ed Brittenham, heavyweight winner of the all-Tech tournament, was defeated by Don Cestoni in the trials for the Varsity berth in the meet. San Noodleman, tiny 118-pounder, defeated Takehashi and will represent Tech in his class. These bouts and the other eliminations will see the following Varsity lineup:

118 pound—Samuel Noodleman; 126 pound—T. Torrence; 135 pound—Ed Bartholomew; 145 pound—Jarvis Webb; 155 pound—Mike Cetti; 165 pound—Fred Baggerman; 175 pound—Atmore Strom; Unlimited heavyweight—Don Cestoni.

The freshman eliminations resulted in the following lineup: 126 pound—George Laurent; 135 pound—Mike Heraismuchuk; 145 pound—A. J. Powers; 155 pound—Dave Mullin; 165 pound—J. G. Zeitlen; 175 pound—Bob Pastene; Heavyweight—Burkhardt Kleinhofner.

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Harvard Pucksters Defeat Technology

Strong Crimson Attack Results In 12-0 Score; Brown Game Tomorrow

Technology's hockey sextet was handed its third defeat of the season Tuesday night when it received a 12-0 decisive trouncing from Harvard in the Boston Arena.

The game was an easy victory for Harvard. The outclassed Tech team played most of the game in its own territory and managed to put up a vigorous defense even though it was not very effective. Harvard managed to get past four goals in the first quarter, five in the second quarter, and three in the third.

Goalie Van Patten-Steiger was harassed and bewildered by the ferocity of the Crimson attack, but managed to turn in a fairly good game despite the weakness of the Tech defense.

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THE TECH Inquires

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QUESTION: "Do you think that the Administration should attempt to attract more co-eds to the Institute?"

Abraham Fienman, '38, VIII, 97 Chester Ave., Chelsea, in the locker rooms:

"The curriculum should not be modified to appeal to members of the feminine sex. If it attracts them as it is, let them come."

(Continued on Page 4)

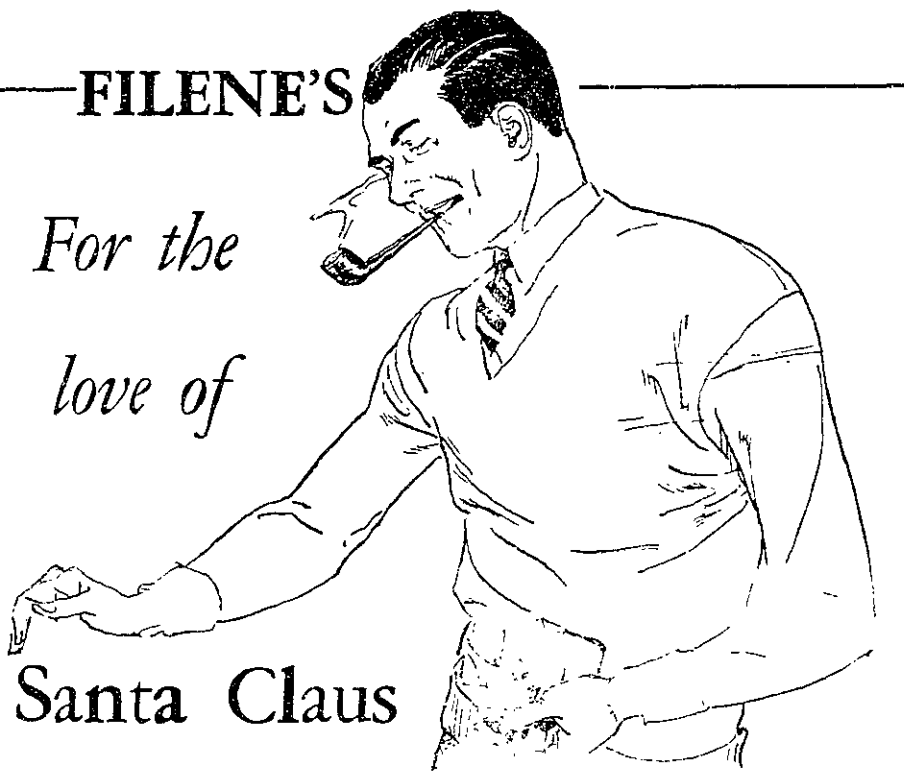


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CALENDAR

Friday, December 13

- 12:00. A.I.E.E. Meeting, C. M. Ripley, Speaker, Room 5-330.
- 6:00. Association of General Contractors Dinner, North Hall, Walker Memorial.
- 8:00. Boxing Contest, Hangar Gymnasium.
- 8:30. Hockey vs. Brown, at Providence.
- 8:15. "Role of Humor", Mark Twain Lectureship, Room 10-250.
- 9:00. Dormitory Dance, Main Hall, Walker Memorial.

Saturday, December 14

- 2:00. Inter-Class Track Meet, Tech Field.
- 2:30. Wrestling vs. Harvard, Hangar Gymnasium.
- 3:00. Swimming Meets with Amherst at Amherst.
- 3:00. Debate with Wellesley on "American Neutrality", Room 6-120.
- 3:00. Delta Kappa Epsilon Basketball Game, Hangar Gymnasium.

Monday, December 16

- 2:00. A.S.M.E. Trip to Simplex Wire and Cable Co., Meet in Main Lobby
- 7:00. Dormitory Basketball Games, Hangar and Walker Gymnasiums.

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50 Norway St., cor. Mass. Ave. Authorized and approved literature on Christian Science may be read, borrowed or purchased.



The Tech Inquires

(Continued from Page 3)

Alex R. Laker, '39, I, 282 Mass. Ave., in Building 4:

"Sure, 'experience maketh the man' and a date now and then is essential."

Joseph Bayer, '38, X, 149 Shore Drive, Winthrop, in Building 4:

"The Institute is no place for a co-ed. The schedule is too intensive for a full-blooded American girl. Let her go some place where she can go out on a date or two a week without hurting her studies."

Dorm Dance

(Continued from Page 1)

rangements at the door. The waiters will serve refreshments of soft drink and light food at the tables.

Jimmy Carmody and his orchestra, who have recently played here, will provide the music for dancing. Table reservations are \$1.75 a couple, and may be made in the Main Lobby or from Harold Prouty, '37, Chairman of the Dance Committee, in the Dormitories.

Louis Zolan, '36, X, 133 Massachusetts Avenue, in Building 2:

"The attraction of co-eds is an irrelevant function of a technical school. The percentage of women who are really interested in science does not vary as the attractiveness of the furnishings in classroom or laboratories or as the number and brilliance of the social affairs—at least it shouldn't."

Robert J. Brauer, '37, X, Roslindale, "Yes, indeed. If we could persuade the right sort of co-eds to attend, it would have a fine moral effect. Tech men are altogether too serious. The presence of a certain type of co-ed could enliven and 'loosen up' some of our notorious grinds."



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Tech Show

(Continued from Page 1)

is now complete and it is not expected that any more important changes will be made.

The date of the production has not been set definitely as yet but as in past years the show will take place during Junior Week in March.

Fred A. Prah, '36, general manager of last year's production and now President of the Masque, Tech Show Honorary Society, will assist in the management of the production in an advisory capacity. It is anticipated that the members of the Masque will be able to give the production more support and advice this year than has been possible in the past.

From all indications the coming Tech Show will be even more successful than that of last year, particularly since Professor Bill Greene, who was unable to help last year because of an appendicitis attack, is again coaching the production this year.

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Official Bulletin Boards

Not For Activity Notices

"Activity notices should not be placed on official or departmental bulletin boards", the Walker Memorial Committee ordered yesterday. Since all such notices are destroyed when wrongly placed, publicity committees are advised to confine their advertising to the bulletin boards set aside solely for activities. Since the number of "Activity" bulletin boards is sufficient to give adequate notice of coming events, there is no need of misusing the official or departmental bulletin boards.

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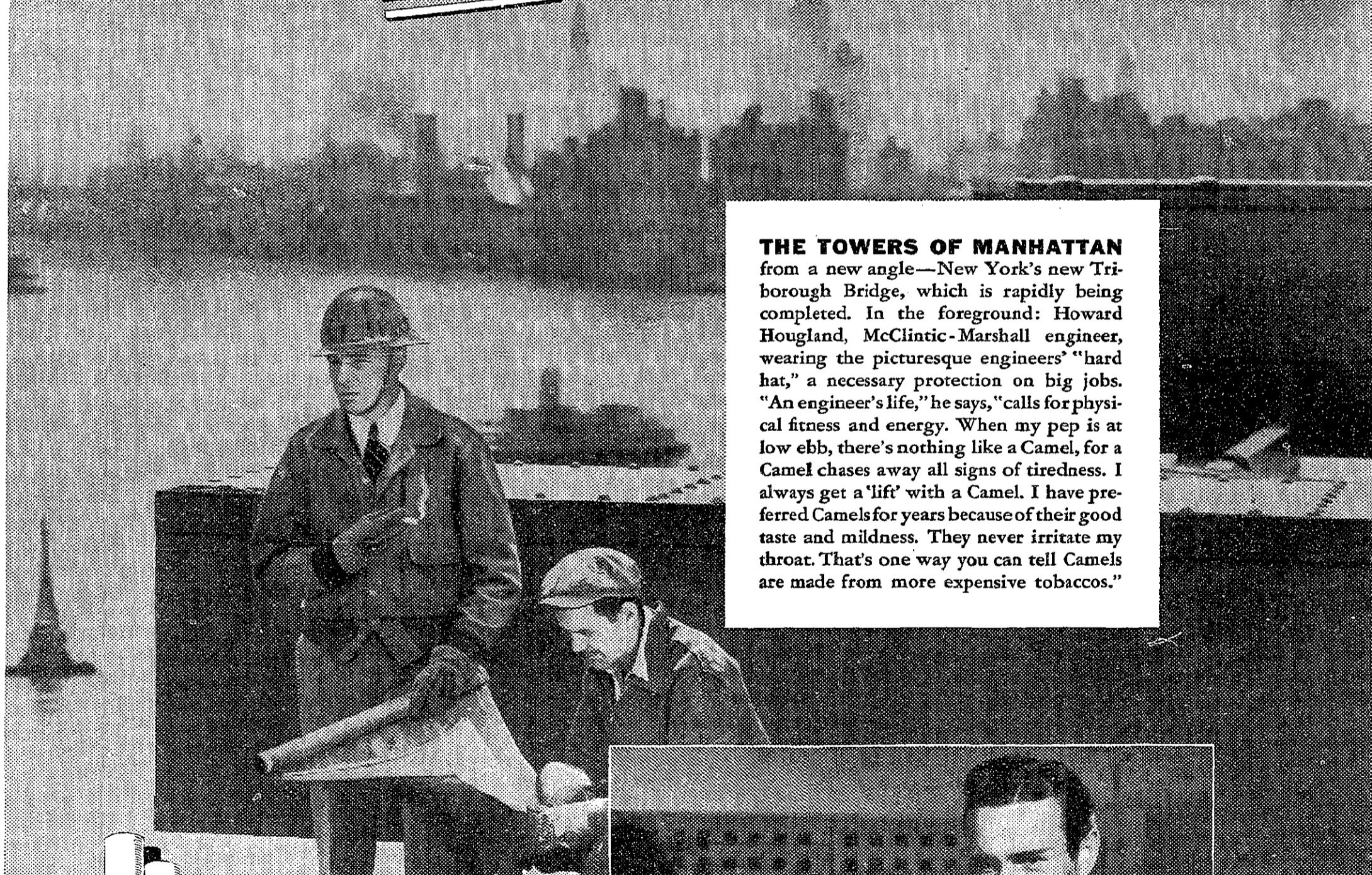
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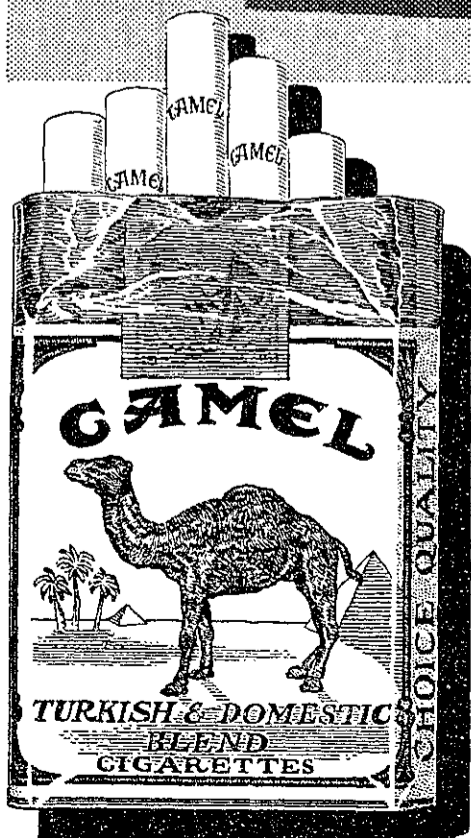
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day—9 p.m. E.S.T., 8 p.m. C.S.T., 9:30 p.m.
M.S.T., 8:30 p.m. P.S.T.—over WABC-
Columbia Network.



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